

ITEM NUMBER	QUANTITY	NOMENCLATURE	PART TYPE OR MODEL NUMBER	MANUFACTURERS NAME OR FEDERAL SUPPLY CODE	REMARKS	SIZE	LENGTH	HEIGHT	WIDTH
1	1	TUNER, RADIO FREQUENCY	TN-511/URR		UNIT 1		19.38	7.	19
2	1	DEMULTIPLEXER	TD-914/URR		UNIT 2		19		19
3	1	GENERATOR, REFERENCE SIGNAL	0-1510/URR		UNIT 3		18.5	5.25	19
4	1	DECODER, COMMAND SIGNAL	KY-661/URR		UNIT 4		19.88	5.25	19
5	1	CONVERTER-STORER, SIGNAL DATA	CV-2520(V)/URC		UNIT 5		17	5.25	19
6	1	INTRA-UNIT CABLING	SEE DWG NO. CK1564		UNIT 6				
7	1	CABINET, RELAY RACK	MODIFIED CY-5974/G		UNIT 7		24	87.56	22.38
8	1	CABLE, RF COAXIAL	RG213/U		ANTENNA INPUT				
9	1	CABLE	TTRS-4		4-CHANNEL AUDIO OUTPUT				
10	1	CABLE	TTRS-2(1)		REMOTE TUNING INPUT				
11	1	CABLE	TTRS-2(1)		REMOBCK OUTPUT				
12	1	CABLE, RF COAXIAL	RG-58/U		EXT-1Mc STD INPUT(OPTIONAL)				
13	1	CABLE	TTRS-2(1)		MONITOR SPEAKER OUTPUT (OPTIONAL)				
14	1	CABLE, AC POWER	THFA-3		AC POWER INPUT				
15 (NOT USED)									
16 *	1	CABLE	TTRS-2(1)		P/O ITEM 10 REMOTE TUNING INTERCONNECT				
17 *	1	CABLE	TTRS-2(1)		REMOTE CONTROL INTERCONNECT				
18	1	CABLE	CA409-32-8.00		'START TUNE' JUMPER				
19	1	BLANK PANELS, SET	P/O UNIT 7						
20	1	GROUNDING STRAP	WL101-1 #10 AWG						
21	20	SCREW, MACHINE	SCRF1032B8		UNIT MTG				
22	20	WASHER, FIBER	WA101-11		UNIT MTG				
23	1	STRAP	WL100-7 #22 AWG		REMOTE TUNING INPUT (SEE 'TTY LOOP' CHART)				
24	1	CONNECTOR, PLUG: COAX	UG-536*/U		FOR ITEM 8 (MATES WITH 6W19)				
25	1	CONNECTOR, PLUG	MS3106B24-28P		FOR ITEM 9 (MATES WITH 6W17)				
26	1	CONNECTOR, PLUG	MS3106B14S-2S		FOR ITEM 10 (MATES WITH 6W34)				
27	1	CONNECTOR, PLUG	MS3106B16S-1P		FOR ITEM 11 (MATES WITH 6W43)				
28	1	CONNECTOR, PLUG COAXIAL	UG-80C		FOR ITEM 12 (MATES WITH 6W10)				
29	1	CONNECTOR, PLUG	MS3106B14S-2P		FOR ITEM 13 (MATES WITH 6W15)				
30 (NOT USED)									
31 *	1	CONNECTOR, PLUG	MS3106B28-21P		FOR ITEM 17 (MATES WITH 6W32)				
32	1	CONNECTOR, PLUG: TELEPHONE	PJ055		FOR HEADSET (OPTIONAL) MATES WITH 2J20 'PHONE JACK'				

CONTRACT NO.: N600(63133)65805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410(SHIPS)  
 DATED 17 JANUARY 1962

NOTICE TO PERSONS RECEIVING THIS DRAWING

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QTY / UNIT	MODEL USED ON	ASSY NO.
	DDR-10K	0100002

CODE	APPLICATION

DECIMALS	FRACTIONS
.XXX ± .005	XX ± .01
.XX ± .01	X ± .05
.X ± .05	± 1/64
ANGLES	± 0°.30'

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DATE	MECH. DES.	9-13-70
OR PLATED FINISHES	DATE	ELECT. DES.	
TOLERANCES ON	DATE	CHECKED	4/17/70
DECIMALS	DATE	DRAWN	2/20/69
FRACTIONS		DESIGNED	

FINISH	SCALE NONE
MATERIAL	SIZE CODE IDENT. NO. DWG NO.
	D 82679 ID 373
ISSUE	SHEET 2 OF
A	

SUMMARY LIST OF INSTALLATION MATERIAL

RECEIVING SET, RADIO AN/URR 63(V)1

THE TECHNICAL MATERIAL CORP.  
MAMARONECK, NEW YORK

LIST OF MATERIAL

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
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\* REQUIRED FOR A SERIES OF RECEIVING SETS OPERATED FROM A COMMON REMOTE TUNING INPUT TTY CHANNEL

TTY LOOP CHART	TTY LOOP STRAP
	60mA STRAP
	20mA NO STRAP

ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
		UPDATED TO 21870 SUBMISSION	3-15-70				
		ORIGINAL RELEASE FOR PRODUCTION	4/15/70				
		REVISIONS	20025				
		ITEM 1 HEIGHT WAS 17.98					

ID 373



**REVISIONS**

E.M. NO.	NO.	DRAFT	CHKD.	ZONE	LTR.	DESCRIPTION	DATE	APPROVED
20025	A					RG-58/U WAS R6174/U	10/13/70	
	X					UPATED TO 2.18-70 SUBMISSION	4-13-70	
	D					ORIGINAL RELEASE FOR PRODUCTION	4-13-70	

  

QTY.	ITEM	PART NO.	DESCRIPTION	SYMBOL
2			LIST OF MATERIAL	
2			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
2			RECEIVING SET RADIO	
2			AN/URR 63(V)1	
2			CABLE RUNNING SHEET	
2			SIZE CODE IDENT NO. DWG. NO.	
2			D 82679 ID 373	
2			SCALE	
2			MOM'S	
2			SHEET 6 OF 6	
2			ISSUE	
2			A	

\*\* TERMINAL FOR RCVG SET

11	2
10	3
9	4
8	5
7	6
6	7
5	8
4	9
3	10
2	11

\* REQUIRED FOR A SERIES OF RECEIVING SETS OPERATED FROM A COMMON REMOTE TUNING INPUT TTY CHANNEL

**FINISH**

**MATERIAL**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS FRACTIONS ANGLES

XXX ± .005 XX ± .01 X ± .05 ± 1/64 ± .30

DATE: 4/13/70

DATE: 4/13/70

DATE: 4/13/70

**APPLICATION**

QTY UNIT MODEL USED ON ASSY NO.

0100 005 DPR R-10K

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CONTRACT NO.: N600(63133)85805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410(SHIP'S)  
 DATED 17 JANUARY 1962.

LEGEND FOR REFERENCE DESIGNATIONS

UNIT 1/6  
 CABLE 1/MS  
 JACK 1/J2

MFGR CODE	NAVY CABLE DESIGNATION	CABLE TYPE & SIZE	NO. OF ACTIVE CONDS	COLOR CODE	FROM	TO	FUNCTION	CURRENT IN AMPS	MAX VOLT DROP	BY SUPPLIED
	TTR-4	RG213/U	8		6W1J8 "ANTENNA"	ANTENNA	ANTENNA INPUT			GFM
	TTR-2		2		6W3J4 "MEMORY INPUT"	INTERFACE PANEL,	TTY RCVR			GFM
	TTR-2		2		6W4J3 "READBCK OUTPUT"	INTERFACE PANEL	TTY XMTR			GFM
	TTR-2		1	RG-58/U	6W1J0 "TMC EXT STD"	INTERFACE PANEL	EXT TMC STD SOURCE			GFM
	TTR-2		2		6W1J5 "SPEAKER"	INTERFACE PANEL	MONITOR SPEAKER OUTPUT			GFM
	TTR-2		2		6W3J4 "MEMORY INPUT"	INTERFACE PANEL	OF NEXT RCVG SET "MEMORY INPUT"			GFM
	TTR-2		2		6W3J4 "MEMORY INPUT"	INTERFACE PANEL	OF NEXT RCVG SET "MEMORY INPUT"			GFM
	TTR-2		1		6W3J2 "MEMORY OUTPUT"	INTERFACE PANEL	OF NEXT RCVG SET "MEMORY OUTPUT"			GFM
CA409-32-8.00			1		6W3T81	INTERFACE PANEL	"START TUNE" JUMPER			GFM
	TFA-3		2				POWER SOURCE			GFM